

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061324AR\
 Data File : FD047937.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 11:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 04:51:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.425	2860654	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
6) S 2-Fluorobiphenyl (SURR)	8.277	1886235	20.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.314	3229856	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	3194869	20.229 ug/ml
2) T Naphthalene (C11.7)	5.765	3351737	20.534 ug/ml
3) T 2-Methylnaphthalene (...)	6.813	3372341	20.466 ug/ml
5) T Acenaphthylene (C15.06)	8.080	3317837	20.299 ug/ml
7) T Acenaphthene (C15.5)	8.374	3333328	20.415 ug/ml
8) T Flouorene (C16.55)	9.152	3189677	20.276 ug/ml
9) T Phenanthrene (C19.36)	10.616	3028771	19.641 ug/ml
10) T Anthracene (C19.43)	10.616	3028771	20.147 ug/ml
12) T Fluoranthene (C21.85)	12.347	3073821	20.255 ug/ml
13) T Pyrene (C20.8)	12.640	3051197	20.239 ug/ml
14) T Benzo[a]anthracene (C...	14.509	2803361	20.450 ug/mlm
15) T Chrysene (C27.41)	14.551	3040079	20.636 ug/ml
16) T benzo[b]fluoranthene ...	16.055	2918506	20.737 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.087	2856902	20.979 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2842867	20.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2457651	21.319 ug/mlm
20) T Dibenz[a,h]anthracene...	17.835	2944991	22.085 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2900089	21.807 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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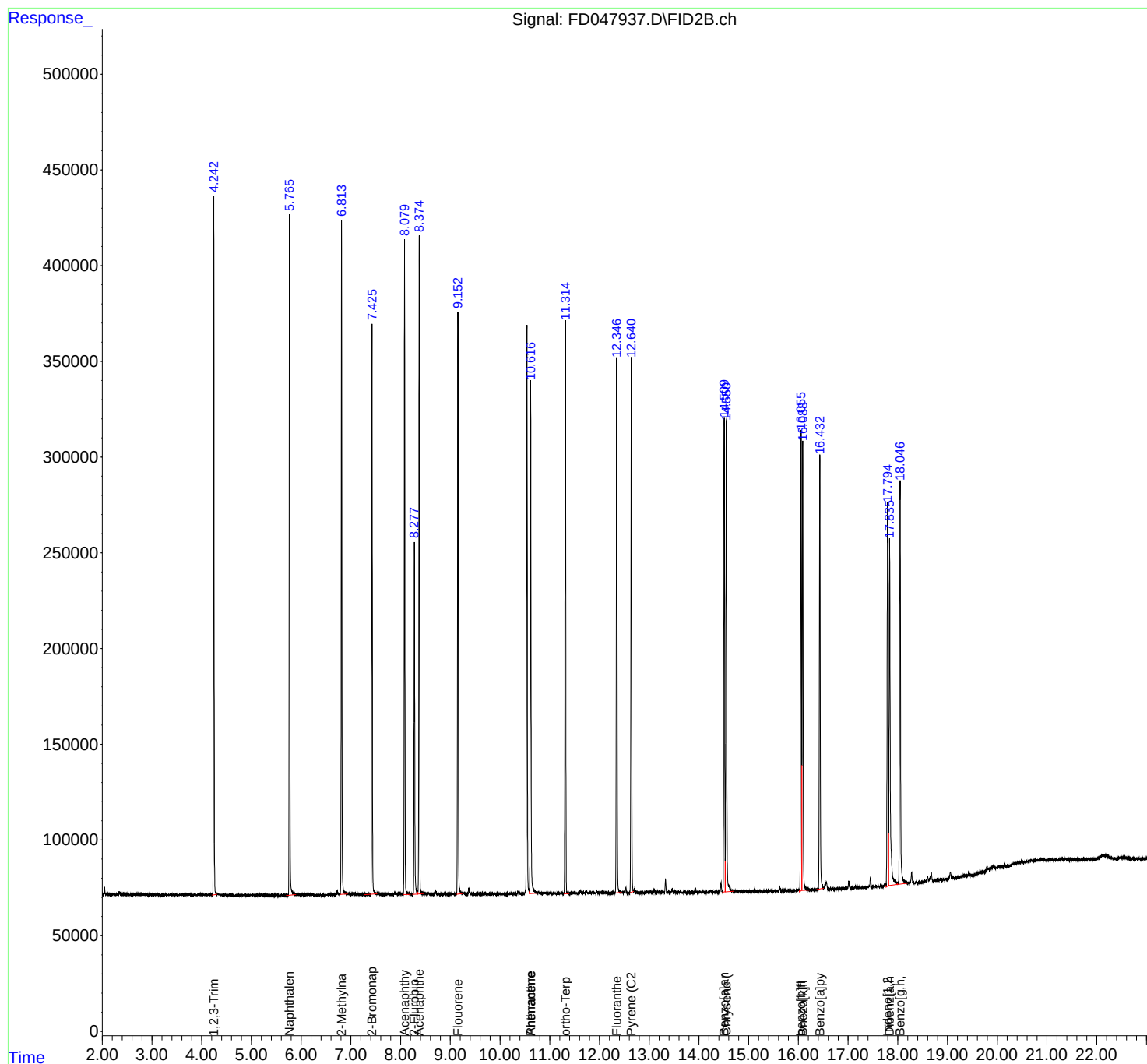
Instrument :
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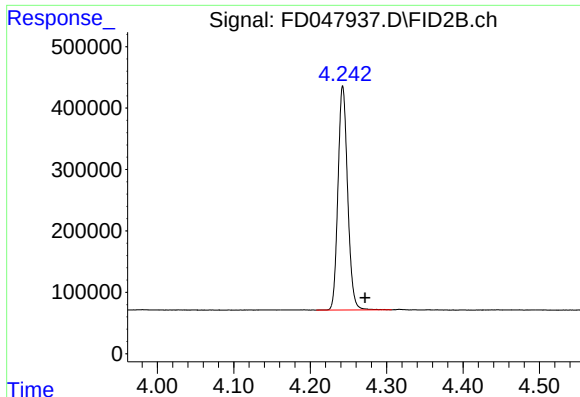
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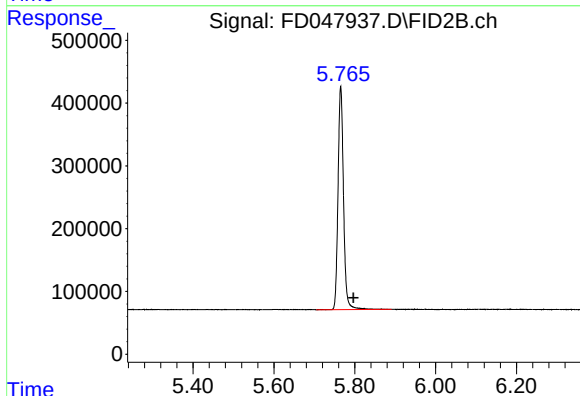
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.243 min
Delta R.T.: -0.029 min
Response: 3194869
Conc: 20.23 ug/ml

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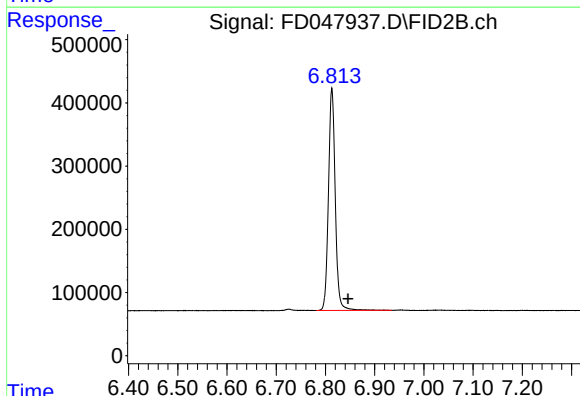
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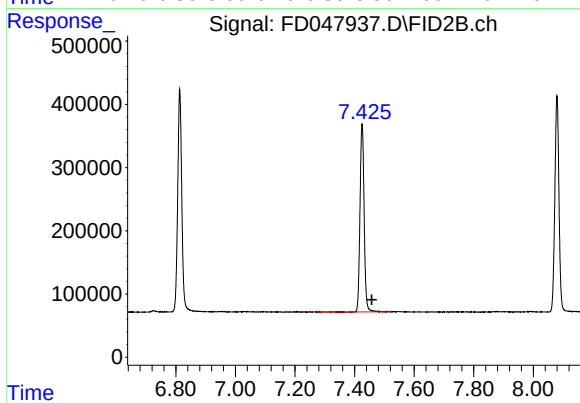
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.032 min
Response: 3351737
Conc: 20.53 ug/ml



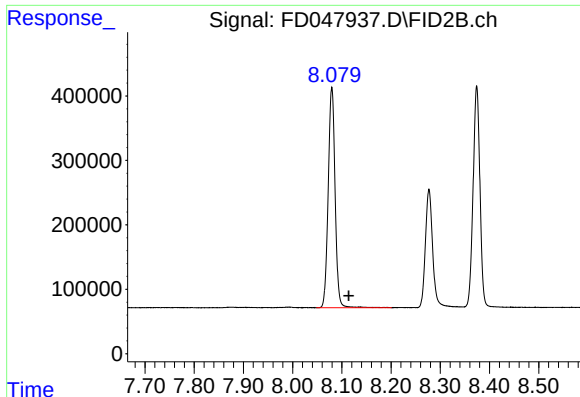
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.033 min
Response: 3372341
Conc: 20.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.425 min
Delta R.T.: -0.033 min
Response: 2860654
Conc: 20.38 ug/ml



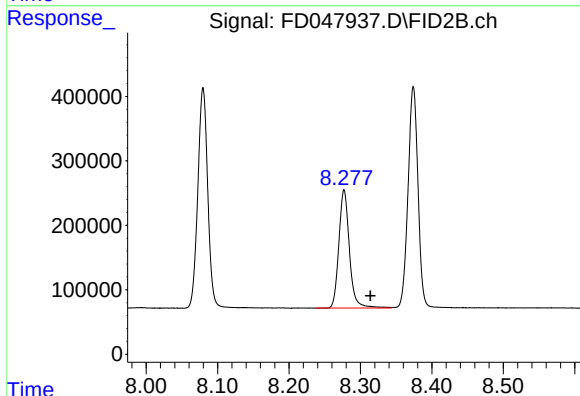
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.034 min
Response: 3317837
Conc: 20.30 ug/ml

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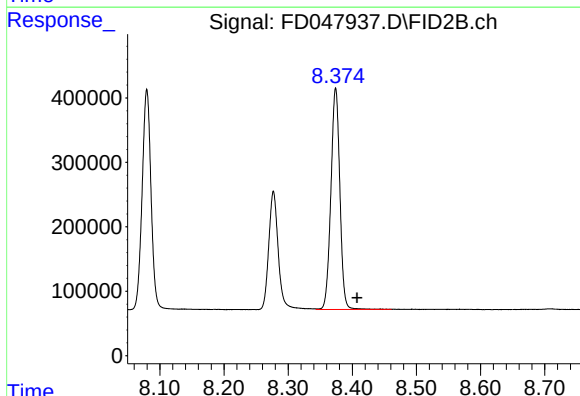
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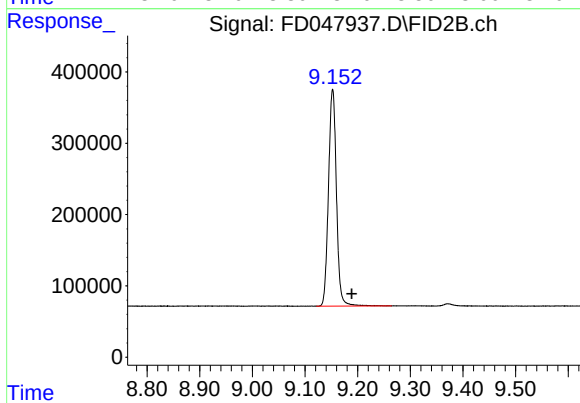
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: -0.037 min
Response: 1886235
Conc: 20.37 ug/ml



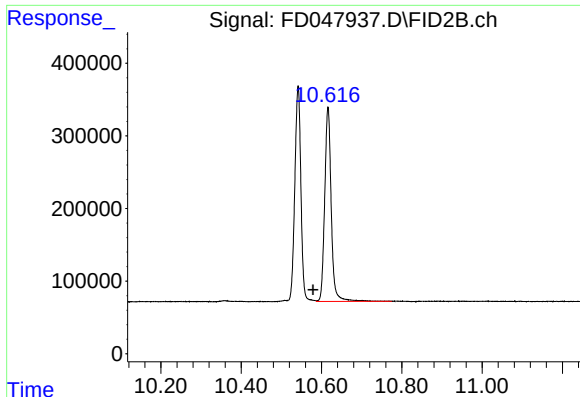
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.033 min
Response: 3333328
Conc: 20.41 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.037 min
Response: 3189677
Conc: 20.28 ug/ml



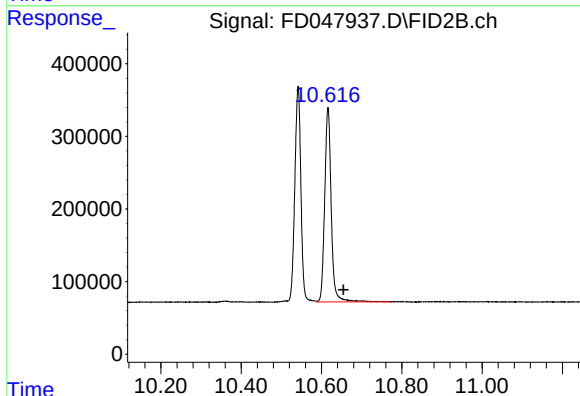
#9 Phenanthrene (C19.36)

R.T.: 10.616 min
Delta R.T.: 0.037 min
Response: 3028771
Conc: 19.64 ug/ml

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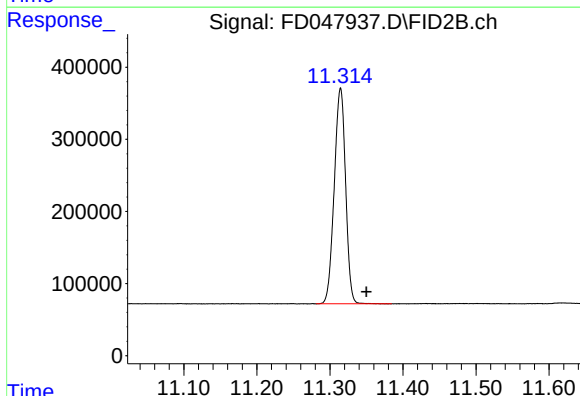
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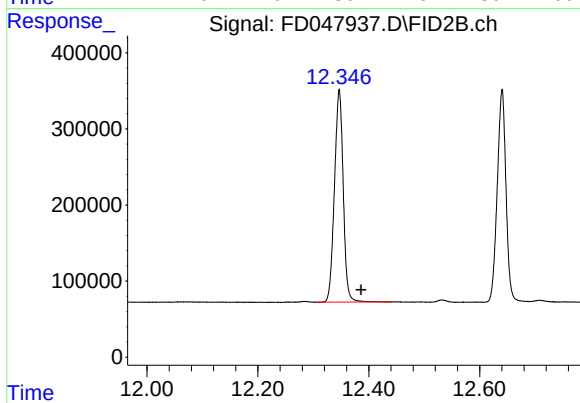
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.039 min
Response: 3028771
Conc: 20.15 ug/ml



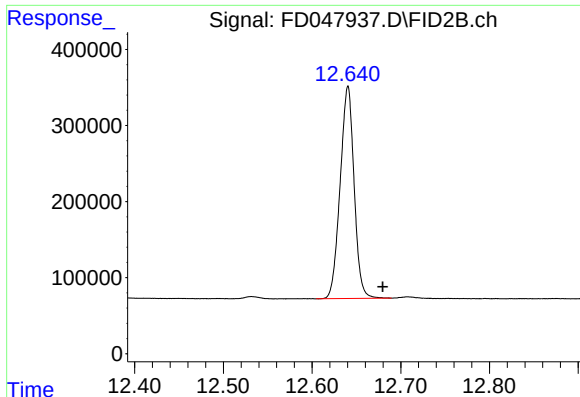
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: -0.035 min
Response: 3229856
Conc: 20.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.347 min
Delta R.T.: -0.039 min
Response: 3073821
Conc: 20.26 ug/ml



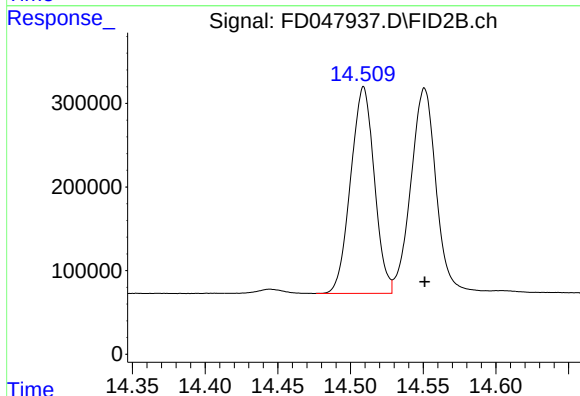
#13 Pyrene (C20.8)

R.T.: 12.640 min
Delta R.T.: -0.039 min
Response: 3051197
Conc: 20.24 ug/ml

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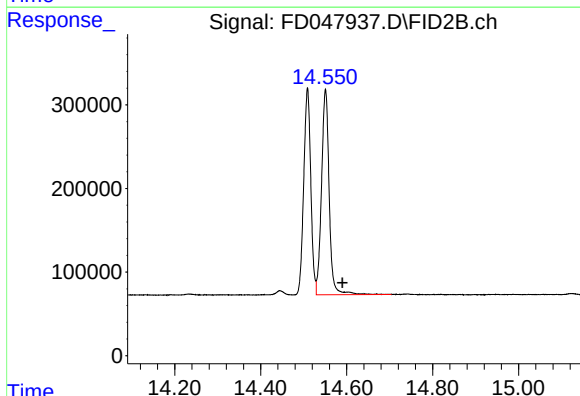
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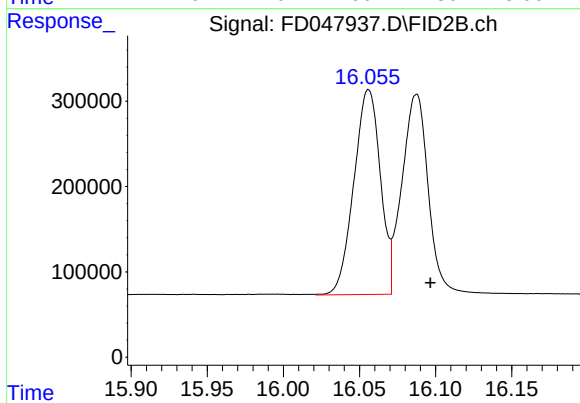
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.509 min
Delta R.T.: -0.042 min
Response: 2803361
Conc: 20.45 ug/ml m



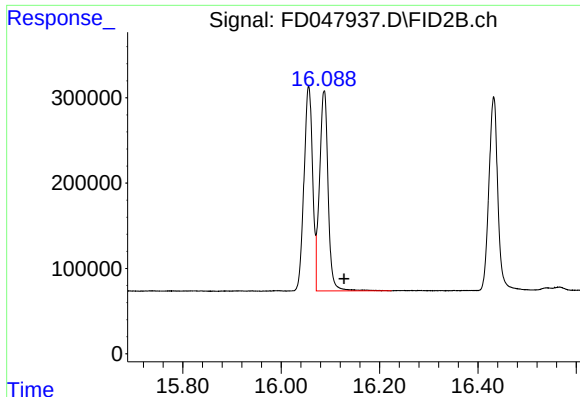
#15 Chrysene (C27.41)

R.T.: 14.551 min
Delta R.T.: -0.040 min
Response: 3040079
Conc: 20.64 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.055 min
Delta R.T.: -0.041 min
Response: 2918506
Conc: 20.74 ug/ml m



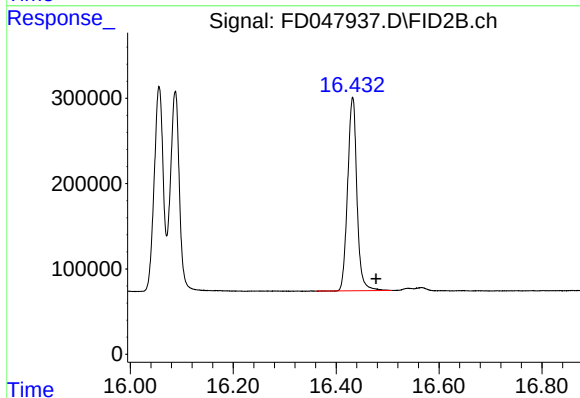
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: -0.041 min
Response: 2856902
Conc: 20.98 ug/ml

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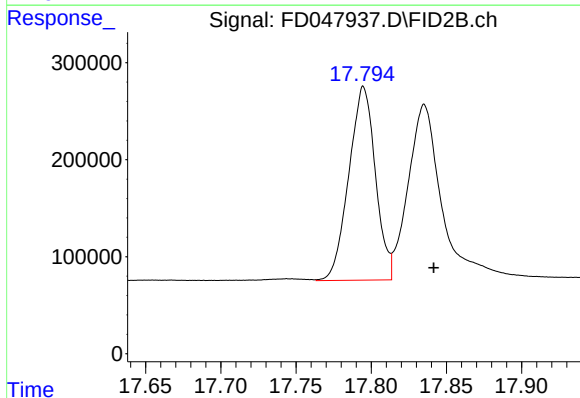
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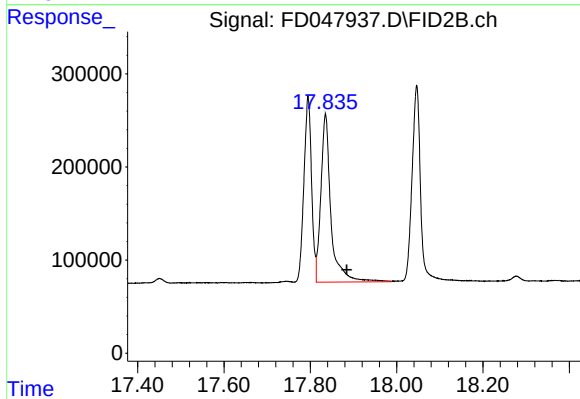
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.045 min
Response: 2842867
Conc: 20.54 ug/ml



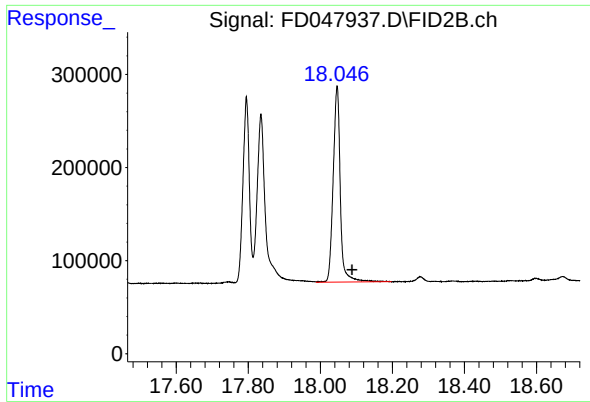
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.047 min
Response: 2457651
Conc: 21.32 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.835 min
Delta R.T.: -0.050 min
Response: 2944991
Conc: 22.09 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.046 min
Delta R.T.: -0.042 min
Response: 2900089
Conc: 21.81 ug/ml

Instrument :

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